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SERVICE MANUAL

INTEGRATED AMPLIFIER

SANSUI AU-G55X/G33X

CAUTION

1. Parts identified by the ⚠ symbol on the schematic diagram and the parts list are critical for safety. Use only replacement parts that have critical characteristics recommended by the manufacturer.
2. Make leakage-current or resistance measurements to determine that exposed parts are acceptably insulated from the supply circuit before returning the appliance to the customer.

Sansui

SANSUI ELECTRIC CO., LTD.

•SPECIFICATIONS

Power output <AU-G55X>
Min. RMS, both channels driven, from 20 to 20,000 Hz, with no more than 0.004% total harmonic distortion.
65 watts per channel into 8 ohms.

Power output <AU-G33X>
Min. RMS, both channels driven, from 20 to 20,000 Hz, with no more than 0.004% total harmonic distortion.
45 watts per channel into 8 ohms.

Load impedance..... 8 ohms

Total harmonic distortion
..... less than 0.004% at or below rated min. RMS power output

Intermodulation distortion
(60 Hz: 7 kHz=4:1 SMPTE method)
..... less than 0.004% at rated power output

Frequency response (at 1 watt)
Overall (from AUX, CD, TUNER, TAPE PLAY-1, 2).... DC to 180,000 Hz, +0 dB −3.0 dB

RIAA curve deviation (PHONO-MM, 20 Hz to 20 kHz)
..... +0.2 dB, −0.2 dB

Input sensitivity and impedance (at 1 kHz)
PHONO (MC)..... 250 μV/100 ohms
(Max. input capability: 15 mV at 1 kHz, less than 0.008% total harmonic distortion)
PHONO (MM)..... 2.5 mV/47 kohms
(Max. input capability; 150 mV at 1 kHz, less than 0.005% total harmonic distortion)
CD, AUX..... 150 mV/47 kohms
TUNER, TAPE PLAY-1, 2
..... 150 mV/47 kohms

Signal to noise ratio (short-circuit, A-network)
PHONO (MC)..... 67 dB
PHONO (MM)..... 85 dB
CD, AUX..... 105 dB
TUNER, TAPE PLAY-1, 2
..... 105 dB

Controls and Filter
BASS..... +10 dB, −8 dB at 50 Hz
TREBLE..... ±7 dB at 10 kHz
LOUDNESS..... +9 dB at 50 Hz
+5 dB at 10 kHz
(VOLUME: −30 dB position)
FILTERS
LOW..... −3 dB at 20 Hz (6 dB/oct)
HIGH..... −3 dB at 10 kHz (6 dB/oct)

Power requirements <AU-G55X>
Power voltage..... 120/220/240V (50/60 Hz)
For U.S.A. & Canada
..... 120V (60 Hz)
Power consumption.... 290 watts 350 VA Rated
440 watts Maximum

Power requirements <AU-G33X>
Power voltage..... 120/220/240V (50/60 Hz)
For U.S.A. & Canada
..... 120V (60 Hz)
Power consumption.... 260 watts 320 VA Rated
400 watts Maximum

Dimensions..... 430 mm (16-15/16") W
111 mm (4-3/8") H
329 mm (13") D

Weight <AU-G55X>..... 8.4 kg (18.5 lbs) net
9.5 kg (20.9 lbs) packed

Weight <AU-G33X>..... 8.1 kg (17.9 lbs) net
9.2 kg (20.3 lbs) packed

* Design and specifications subject to changes without notice for improvements.
* Due to local laws and regulations, this unit sold in some areas are not equipped with variable voltage selectors.

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CAUTION

1. The symbols, UL, CSA, SA, BS, UK, EU, AS and XX (EXPORT) on the parts list and the schematic diagram mean followings respectively.

   UL..... Manufactured for U.S.A market.
   (Underwriters Laboratories approved model.)
   CSA..... Manufactured for Canadian market.
   SA..... Manufactured for South African market.
   BS, UK ..... Manufactured for United Kingdom market.
   EU ..... Manufactured for European market.
   AS..... Manufactured for Australian market.
   XX (EXPORT) ..... Standard Version.
   NON MARK ..... Common Parts.

2. Some printed circuit boards are not supplied as the assembled. To separate these in this service manual, the stock No's are not indicated at the ends of the board names. However, the individual parts on the circuit boards are provided by orders.

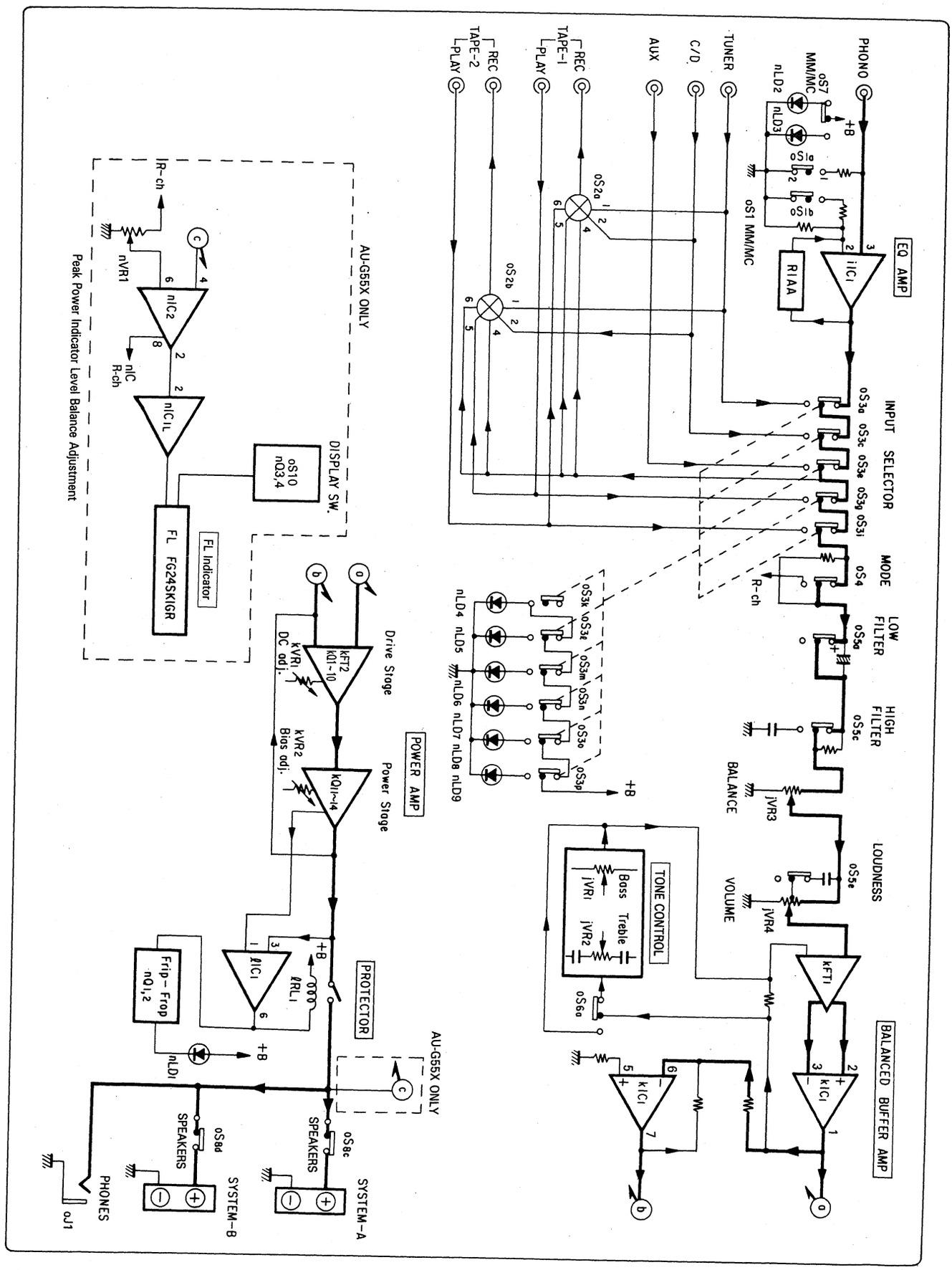
3. Since some of capacitors and resistors are omitted from parts lists in this service manual, refer to the Common Parts List for capacitors & resistors, which was issued on February 1983.

4. Abbreviations in this service manual are as follows.

•Abbreviations List

C.R.	: Carbon Resistor	E.B.L.	: Low Leak Bi-Polar Electrolytic Capacitor
S.R.	: Solid Resistor		
Ce.R.	: Cement Resistor	Ta.C.	: Tantalum Capacitor
M.R.	: Metal Film Resistor	F.C.	: Film Capacitor
F.R.	: Fusing Resistor	M.P.	: Metalized Paper Capacitor
N.I.R.	: Non-Inflammable Resistor	P.C.	: Polystyrene Capacitor
A.R.	: Array Resistor	G.C.	: Gimmic Capacitor
C.C.	: Ceramic Capacitor	A.C.	: Array Capacitor
C.T.	: Ceramic Capacitor, Temperature Compensation	V.R.	: Variable Resistor
		S.V.R.	: Semi Variable Resistor
E.C.	: Electrolytic Capacitor	SW.	: Switch
E.L.	: Low Leak Electrolytic Capacitor	Chip R.	: Chip Resistor
		Chip C.	: Chip Capacitor
E.B.	: Bi-Polar Electrolytic Capacitor		

1. BLOCK DIAGRAM



2. ADJUSTMENT (See Top View on page 8)

2-1. Driver Circuit Adjustment

Note: 1) Master Volume .... Minimum
2) Room Temperature ... 18°C~28°C (65°F~83°F)
3) For this adjustment, run the unit for more than 20 minutes after the power is switched ON.
4) Before turning ON power switch, set kVR1 on F-4702 to center position.
5) Before turning ON power switch, set kVR2 on F-4702 fully counterclockwise.

STEP	SUBJECT	MEASURE OUTPUT	ADJUST	ADJUST FOR	REMARKS
1.	DC 0V Adj. L-CH	Speaker Terminal (L-ch)	kVR1, L-ch (F-4702)	DC 0V±5 mV	
2.	DC 0V Adj. R-CH	Speaker Terminal (R-ch)	kVR1, R-ch (F-4702)	DC 0V±5 mV	
3.	Bias Current Adj. L-CH	Between emitters of power transistors (kQ13 & kQ14) (Across kR50L)	kVR2, L-ch (F-4702)	DC 10mV±3 mV	
4.	Bias Current Adj. R-CH	Between emitters of power transistors (kQ13 & kQ14) (Across kR50R)	kVR2, R-ch (F-4702)	DC 10mV±3 mV	

2-2. PEAK POWER Indicator Level Balance Adjustment

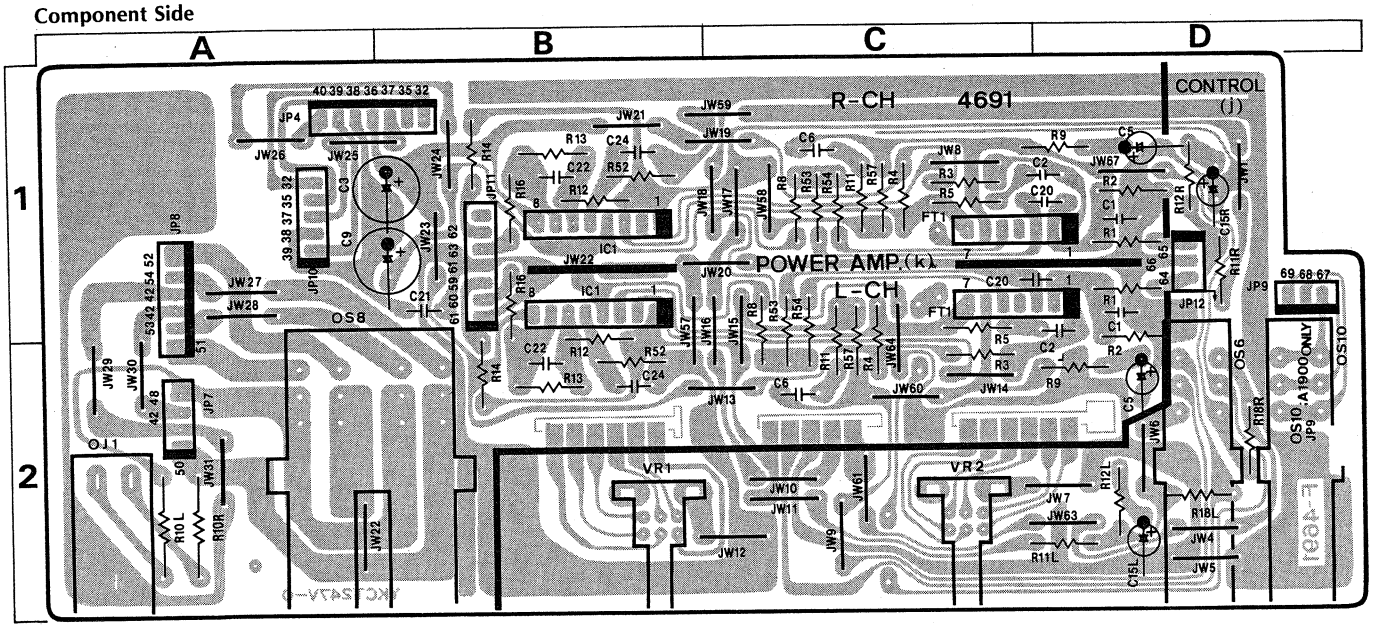
Note: Before adjustment, turn nVR1 on F-4705 fully clockwise from conductor side.

STEP	SUBJECT	SETTING	ADJUSTMENT
1.	PEAK POWER Indicator Level Balance Adjustment	1.Feed 1kHz sine-wave signal from audio oscillator to AUX terminals, L-ch and R-ch of the unit. 2.Turn the master volume until the 11th segment from the left of the L-ch indicator just turns on.	1.Turn nVR1 slowly counterclockwise until the same segment of the R-ch just turns on.

3. PARTS LOCATION & PARTS LIST

3-1. F-4691 Control & Power Amp Circuit Board (Stock No. 00835201 = AU-G55X/Stock No. 00833301 = AU-G33X)

Component Side



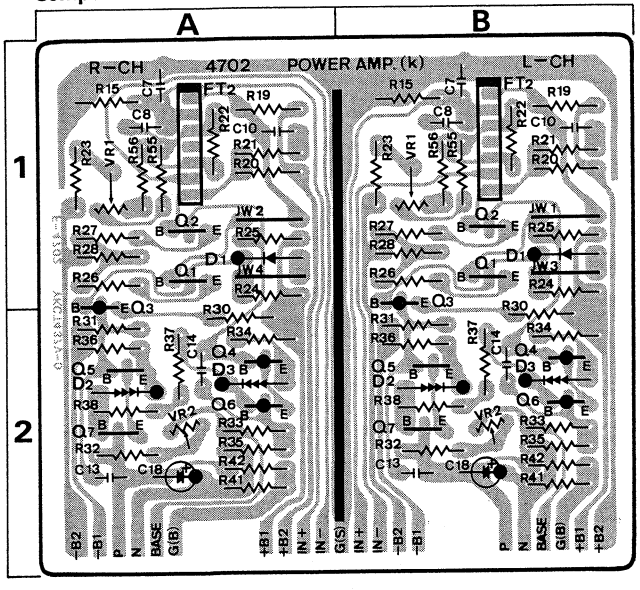
Parts List

Parts No.	Stock No.	Description
jVR1	48077500	50kΩ(C) V.R., BASS
jVR2	48077500	50kΩ(C) V.R., TREBLE
•FET		
kFT1	07110000	μPA68H-L
•IC		
kIC1	46288800	M5220L
⚠ kR10	46249700	220Ω 1W N.I.R.

Parts No.	Stock No.	Description
kC1	46653200	100pF 100V F.C.
kC2	46655200	680pF 100V F.C.
kC24	46283300	0.022μF 50V F.C.
oS6	48077000	Push SW., TONE
oS8	48077200	Push SW., SPEAKERS
oS10	48077000	Push SW., DISPLAY
oJ1	46579600	Jack, PHONES

3-2. F-4702 Differential Amp Circuit Board (Stock No. 00836301 = AU-G55X/Stock No. 00834301 = AU-G33X)

Component Side

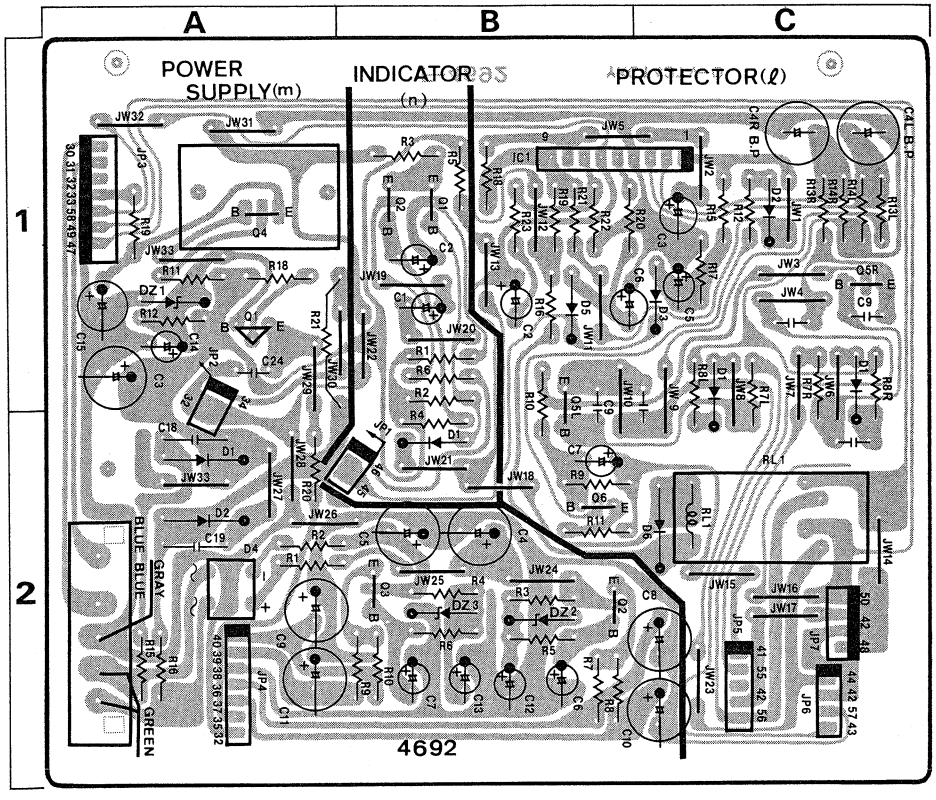


Parts List

Parts No.	Stock No.	Description
•Transistor		
kQ1	46581701	2SC1845
kQ2	46581701	2SC1845
kQ3	46581601	2SA992
kQ4	46581601	2SA992
kQ5	46581701	2SC1845
kQ6	46728201	2SA1145
kQ7	46728301	2SC2705
•FET		
kFT2	07110000	μPA68H-L
•Diode		
kD1	03117600	1S2473T77
•Varistor		
kD2	03401700	MV103
kD3	03401700	MV103
⚠ kR24	46230100	820Ω 1/2W N.I.R.
⚠ kR25	46230100	820Ω 1/2W N.I.R.
⚠ kR30	46230100	820Ω 1/2W N.I.R.
⚠ kR31	46230100	820Ω 1/2W N.I.R.
kC7	46653200	100pF 100V F.C.
kC10	46655600	1000pF 100V F.C.
kVR1	10335700	100Ω(B) S.V.R., DC 0V adj.
kVR2	48078400	470Ω S.V.R., bias adj.

3-3. F-4692 Protector Circuit Board (Stock No. 00835301 = AU-G55X/Stock No. 00833401 = AU-G33X)

Component Side



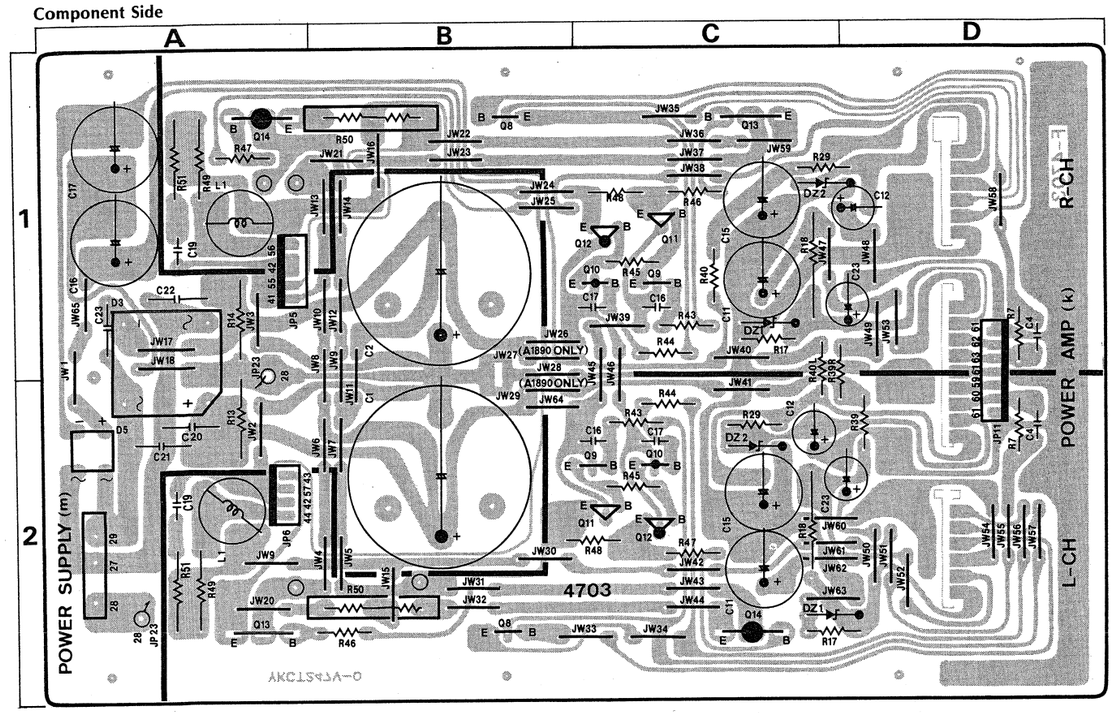
Parts List

Parts No.	Stock No.	Description
•Transistor		
IQ5	46581701	2SC1845
IQ6	46581601	2SA992
•IC		
⚠IIC1	46207600	TA7317P
•Diode		
ID1	03117600	1S2473T77
ID2	03117600	1S2473T77
ID3	03117600	1S2473T77
ID5	03117600	1S2473T77
ID6	03117700	10E-2
IC2	46310700	0.47μF 100V E.C.
IC3	46295200	47μF 16V E.C.
IC4	48145900	220μF 6.3V E.B.
IC5	46302400	1μF 50V E.C.
IC6	46300000	47μF 35V E.C.
IC7	46302800	10μF 50V E.C.
IC9	46283300	0.022μF 50V F.C.
IRL1	46254900	Relay AP24D2
⚠IR16	46229400	220Ω 1/2W N.I.R.
•Transistor		
⚠mQ1	03083901	2SD313AL
⚠	or 46546701	2SD880
⚠mQ2	46614101	2SC3243
⚠mQ3	46614001	2SA1283
⚠mQ4	03083901	2SD313AL (AU-G55X)
⚠	or 46546701	2SD880 (AU-G55X)
•Diode		
⚠mD1	03117700	10E-2
⚠mD2	03117700	10E-2
⚠mD4	46273600	DBB10-B
•Zener Diode		
mDZ1	46115100	05Z18-Y
	or 46115200	05Z18-Z
mDZ2	46115400	05Z20-Y
	or 46115500	05Z20-Z
mDZ3	46115400	05Z20-Y
	or 46115500	05Z20-Z

Parts No.	Stock No.	Description
⚠mR1	46227400	4.7Ω 1/2W N.I.R.
⚠mR2	46227400	4.7Ω 1/2W N.I.R.
⚠mR7	46228200	22Ω 1/2W N.I.R.
⚠mR8	46228800	68Ω 1/2W N.I.R.
⚠mR9	46228800	68Ω 1/2W N.I.R.
⚠mR10	46228200	22Ω 1/2W N.I.R.
⚠mR11	46228600	47Ω 1/2W N.I.R. (AU-G55X)
⚠mR15	46227200	3.3Ω 1/2W N.I.R.
⚠mR16	46227200	3.3Ω 1/2W N.I.R.
⚠mR18	46229100	120Ω 1/2W N.I.R.
⚠mR19	46227800	10Ω 1/2W N.I.R. (AU-G55X)
⚠mR20	46229800	470Ω 1/2W N.I.R.
⚠mR21	46908900	82Ω 3W N.I.R. (AU-G55X)
mC3	46300600	220μF 35V E.C.
mC4	46300600	220μF 35V E.C.
mC5	46300600	220μF 35V E.C.
mC6	46297700	47μF 25V E.C.
mC7	46297700	47μF 25V E.C.
mC8	46298300	220μF 25V E.C.
mC9	46298300	220μF 25V E.C.
mC10	46298300	220μF 25V E.C.
mC11	46298300	220μF 25V E.C.
mC12	46302400	1μF 50V E.C.
mC13	46302400	1μF 50V E.C.
mC14	46302400	1μF 50V E.C.
mC15	46297800	100μF 25V E.C. (AU-G55X)
mC18	08680400	0.01μF 500V C.C.
mC19	08680400	0.01μF 500V C.C.
•Transistor		
nQ1	46367101	2SC2603
	or 46367301	2SC2458
	or 46391901	2SC2785
nQ2	46367101	2SC2603
	or 46367301	2SC2458
	or 46391901	2SC2785
⚠nR22	08908100	2.2kΩ 1/4W C.R. (AU-G55X)
•Diode		
nD1	03117600	1S2473T77
nC1	46302700	4.7μF 50V E.C.
nC2	46302700	4.7μF 50V E.C.

3-4. F-4703 Driver Amp & Power Supply Circuit Board (Stock No. 00836401 = AU-G55X/Stock No. 00834401 = AU-G33X)

Component Side



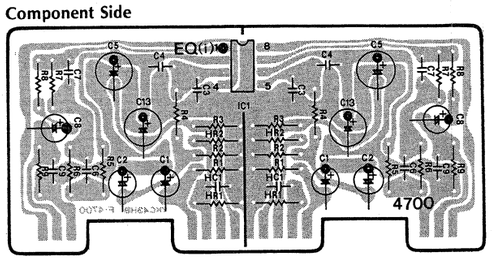
Parts List

Parts No.	Stock No.	Description
•Transistor		
⚠kQ8	03067401	2SC1845
kQ9	48113001	2SC2229
kQ10	48112901	2SA949
kQ11	03086101	2SD357
kQ12	03034401	2SB527
⚠kQ13	46085301	2SC2581 (AU-G55X)
⚠	or 48120101	2SC3182 (AU-G55X)
⚠	07203201	2SA1104 (AU-G33X)
⚠kQ14	46085401	2SA1106 (AU-G55X)
⚠	or 48120001	2SA1265 (AU-G55X)
⚠	07203301	2SC2579 (AU-G33X)
•Zener Diode		
kDZ1	46115000	05Z18-X
	or 46115100	05Z18-Y
kDZ2	46115600	05Z22-X
	or 46115700	05Z22-Y
⚠kR18	46625600	1.2kΩ 2W N.I.R.
⚠kR29	46230300	1.2kΩ 1/2W N.I.R.
⚠kR39	46228900	82Ω 1/2W N.I.R.
⚠kR40	46228900	82Ω 1/2W N.I.R.
⚠kR45	46230200	1kΩ 1/2W N.I.R.
⚠kR46	46227400	4.7Ω 1/2W N.I.R.

Parts No.	Stock No.	Description
⚠kR47	46227400	4.7Ω 1/2W N.I.R.
⚠kR48	46229300	180Ω 1/2W N.I.R.
⚠kR49	46247300	2.2Ω 1W N.I.R.
⚠kR50	46644800	0.22×2Ω 5W Ce.R.
⚠kR51	46622700	4.7Ω 2W N.I.R.
kC19	46284100	0.1μF 50V F.C.
kL1	42903700	Inductor 1μH
•Diode		
⚠mD3	46864000	RB602
⚠	or 46865300	DBA60C
⚠mD5	46273700	DBB10-C (AU-G55X)
⚠mR13	46251600	8.2k 1W N.I.R.
⚠mR14	46241600	8.2k 1W N.I.R.
mC1	48076400	10000μF 63V E.C. (AU-G55X)
	48076300	8200μF 56V E.C. (AU-G33X)
mC2	48076400	10000μF 63V E.C. (AU-G55X)
	48076300	8200μF 56V E.C. (AU-G33X)
mC20	08680400	0.01μF 500V C.C.
mC21	08680400	0.01μF 500V C.C.
mC22	08680400	0.01μF 500V C.C.
mC23	08680400	0.01μF 500V C.C.

3-5. F-4700 EQ Amp Circuit Board (Stock No. 00836101)

Component Side

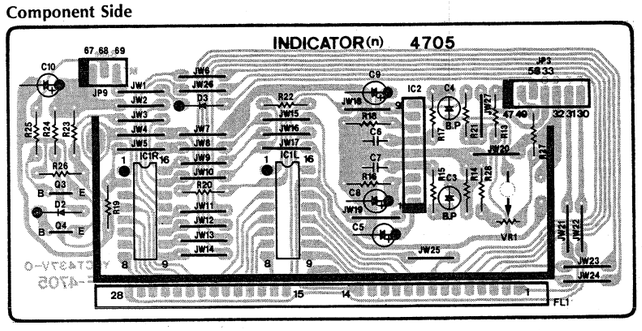


Parts List

Parts No.	Stock No.	Description
hC1	46653600	150pF 100V F.C.
•IC		
iIC1	46638700	M5220P
iC3	46654000	220pF 100V F.C.
iC4	46653200	100pF 100V F.C.
iC6	46697000	0.056μF 50V F.C.
iC7	46695700	0.016μF 50V F.C.
iC9	46282400	3300pF 50V F.C.

3-6. F-4705 F.L Indicator Circuit Board (Stock No. 00836601) <AU-G55X only>

Component Side



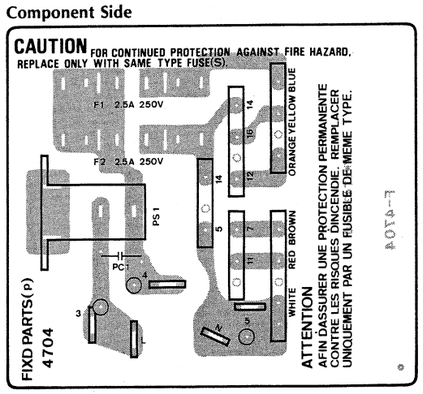
Parts List

Parts No.	Stock No.	Description
•Transistor		
nQ3	46367101	2SC2603
	or 46367301	2SC2458
	or 46391901	2SC2785
nQ4	46367101	2SC2603
	or 46367301	2SC2458
	or 46391901	2SC2785
•IC		
nIC1	46254700	HA12010
nIC2	03610000	TA7318P

Parts No.	Stock No.	Description
•Diode		
nD2	03117600	1S2473T77
nD3	03117600	1S2473T77
nFL1	46526600	FL. Display Tube FG24SK6GR
nC3	48103200	0.47μF 50V E.B.
nC4	48103200	0.47μF 50V E.B.
nC6	46282900	0.01μF 50V F.C.
nC7	46282900	0.01μF 50V F.C.
nVR1	07241100	2kΩ S.V.R., meter level adj.

3-7. F-4704 POWER SW. Board

Component Side


CAUTION FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE FUSE(S).
F1 2.5A 250V
F2 2.5A 250V
PS1
PC1
ORANGE YELLOW BLUE
RED BROWN
WHITE
ATTENTION
AFIN DASSURER UNE PROTECTION PERMANENTE CONTRE LES RISQUES D'INCENDIE, REMPLACER UNIQUEMENT PAR UN FUSIBLE DE MEME TYPE.
FIXD PARTS(P)
4704

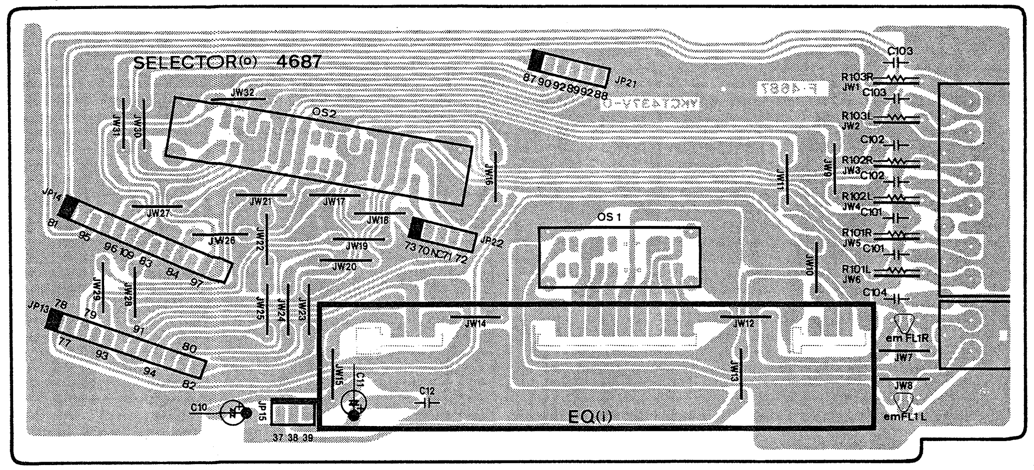
Parts List

Parts No.	Stock No.	Description
⚠pC1	46425800	0.01μF 400V C.C
⚠pF1	07188800	Fuse 3.0A 250V (AU-G55X XX)
⚠	07189200	Fuse 6.0A 250V (AU-G55X UL, CSA)
⚠	07184900	Fuse 1.6A 250V (AU-G55X EU)
⚠	07188700	Fuse 2.5A 250V (AU-G33X XX)
⚠	07189100	Fuse 5.0A 250V (AU-G33X UL, CSA)
⚠	07184800	Fuse 1.25A 250V (AU-G33X EU)
⚠pF2	07188800	Fuse 3.0A 250V (AU-G55X XX)
⚠	07188700	Fuse 2.5A 250V (AU-G33X XX)
⚠pS1	48113300	Push SW., POWER (XX, EU)
⚠	48065100	Push SW., POWER (UL, CSA)

 AU-G55X/G33X

3-8. F-4687 PHONO SW., REC SW. & Input Terminal Circuit Board

Component Side



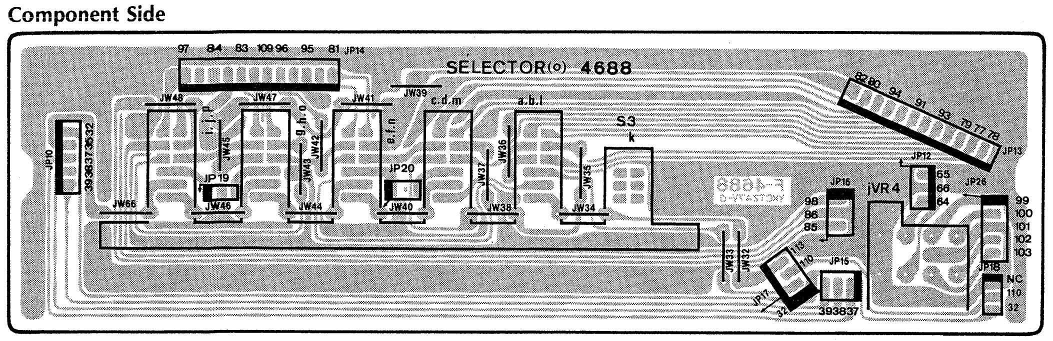
Parts List

Parts No.	Stock No.	Description
iC12	46280900	0.022μF 50V F.C.
oS1	48077800	Slide SW., MC & MM SELECTOR
oS2	07200200	Slide SW., REC Selector

Parts No.	Stock No.	Description
oZ1	46438100	2P Terminal Board, PHONO
oZ2	46546800	6P Terminal Board, TUNER, CD, AUX

3-9. F-4688 INPUT SELECTOR & VOLUME Circuit Board

Component Side



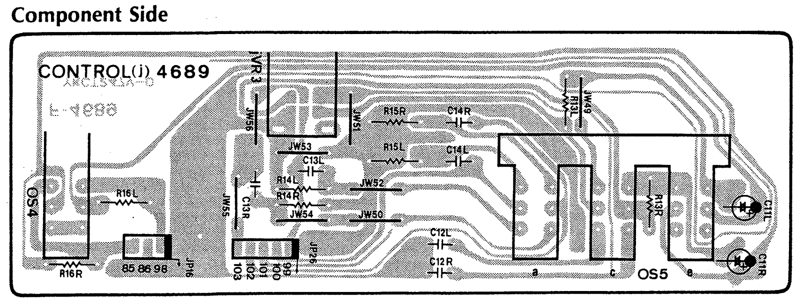
Parts List

Parts No.	Stock No.	Description
jVR4	48077600	150kΩ(B) V.R., VOLUME

Parts No.	Stock No.	Description
oS3	48076800	Push SW., INPUT SELECTOR

3-10. F-4689 LOW HIGH LOUDNESS SW. & BALANCE V.R. Circuit Board

Component Side



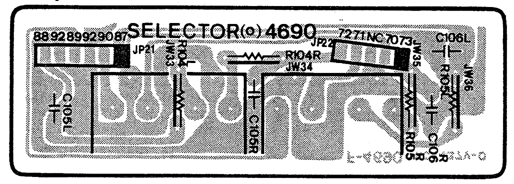
Parts List

Parts No.	Stock No.	Description
jC12	46531300	5600pF 50V F.C.
jC13	46654400	330pF 100V F.C.
jC14	46283300	0.022μF 50V F.C.

Parts No.	Stock No.	Description
jVR3	48077400	250kΩ(MN) V.R., BALANCE
oS4	48077000	Push SW., MODE
oS5	48076900	Push SW., LOW, HIGH, LOUDNESS

3-11. F-4690 Input Terminal Board

Component Side

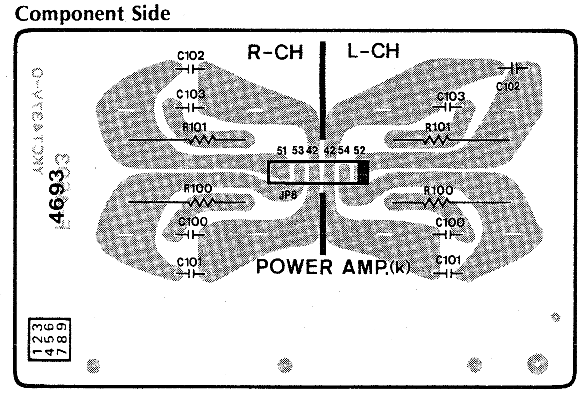


Parts List

Parts No.	Stock No.	Description
oZ3	46363800	Terminal Board 4P, TAPE-1
oZ4	46363800	Terminal Board 4P, TPAE-2/PCM

3-12. F-4693 SPEAKERS Terminal Board

Component Side

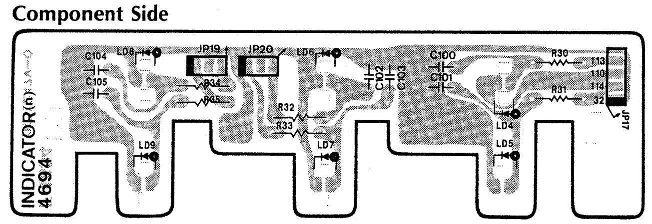


Parts List

Parts No.	Stock No.	Description
oZ5	48123100	Terminal Board 8P, SPEAKER

3-13. F-4694 Indicator Board

Component Side

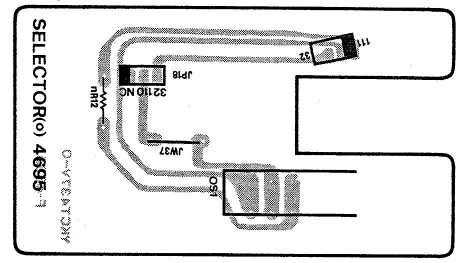


Parts List

Parts No.	Stock No.	Description
•LED		
nLD4	48076100	SEL2413E
nLD5	48076100	SEL2413E
nLD6	48076100	SEL2413E
nLD7	48076100	SEL2413E
nLD8	48076100	SEL2413E
nLD9	48076100	SEL2413E

3-14. F-4695 PHONO SW. Board

Component Side

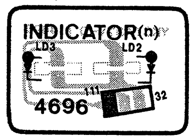


Parts List

Parts No.	Stock No.	Description
oS7	48077300	Push SW., PHONO

3-15. F-4696 MM/MC Indicator Board

Component Side

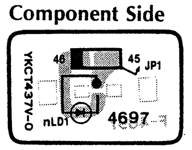


Parts List

Parts No.	Stock No.	Description
•LED		
nLD2	46169300	SEL1210S, MM
nLD3	46173900	SLP270C, MC

3-16. F-4697 PROTECTOR Indicator Board

Component Side

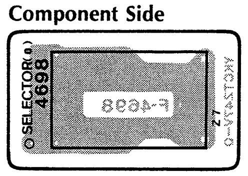


Parts List

Parts No.	Stock No.	Description
•LED		
nLD1	46169300	SEL1210S, PROTECTOR

3-17. F-4698 Rotary Flex Board (REC Selector)

Component Side

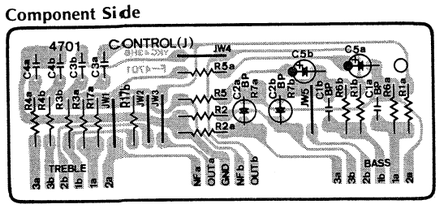


Parts List

Parts No.	Stock No.	Description
oZ7	48077700	Rotary Flex with Flexible Wire REC SELECTOR

3-18. F-4701 Control Board

Component Side

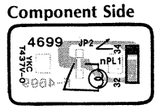


Parts List

Parts No.	Stock No.	Description
jC1	46697300	0.075μF 50V F.C.
jC2	46936900	0.15μF 50V E.B.
jC3	46695500	0.013μF 50V F.C.
jC4	46283500	0.033μF 50V F.C.

3-19. F-4699 Pilot Lamp Board <AU-G55X only>

Component Side

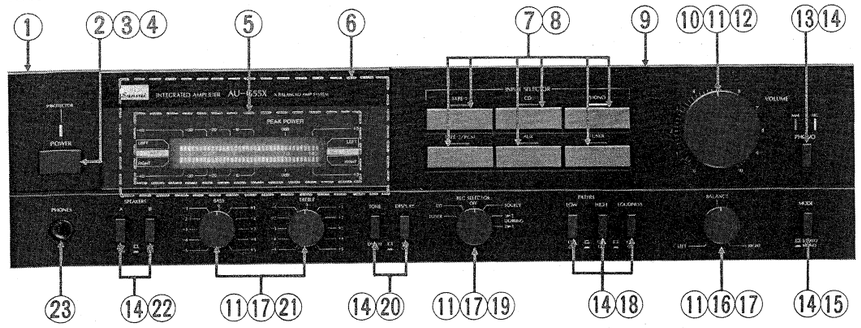


Parts List

Parts No.	Stock No.	Description
nPL1	46315900	Pilot Lamp 0.15A 12V

4. OTHER PARTS

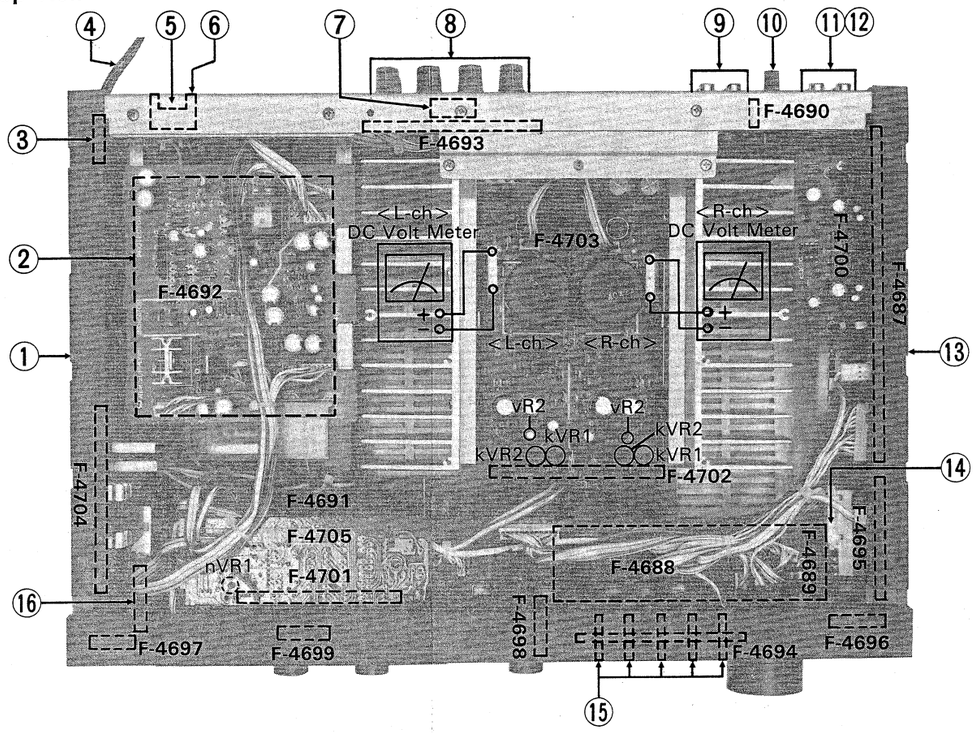
4-1. Front View



Parts List <Front View>

Parts No.	Stock No.	Description
1	47648500	Front Panel Ass'y (AU-G55X)
	47648400	Front Panel Ass'y (AU-G33X)
2	47633700	Knob, POWER
3	47637300	Joint Shaft (1)
⚠ 4	48113300	Push SW., POWER (XX, EU)
⚠	48065100	Push SW., POWER (UL, CSA)
5	46526600	FL. Display Tube (AU-G55X only)
6	47637000	Display Plate (AU-G55X only)
7	48076800	Push SW., INPUT SELECTOR
8	47637400	Joint Shaft (2)
9	47703600	Bonnet (XX, UL, CSA)
	47648300	Bonnet (EU)
10	48077600	150kΩ(B)×2 V.R., VOLUME
11	47636600	FS Holder
12	47636400	Knob, VOLUME
13	48077300	Push SW., PHONO
14	47636300	Push Knob, PHONO MODE, LOW, HIGH, LOUDNESS, TONE, DISPLAY, SPEAKER
15	48077000	Push SW., MODE
16	48077400	250kΩ (MN) V.R., BALANCE
17	47636600	Knob, BALANCE, REC SELECTOR, TREBLE, BASS
18	48076900	Push SW., LOW, HIGH, LOUDNESS
19	48077700	Rotary Flex with Flexible Wire, REC SELECTOR
20	48077000	Push SW., DISPLAY, TONE
21	48077500	50kΩ(C) V.R., TREBLE, BASS
22	48077200	Push SW., SPEAKERS
23	46579600	Jack, PHONES

4-2. Top View

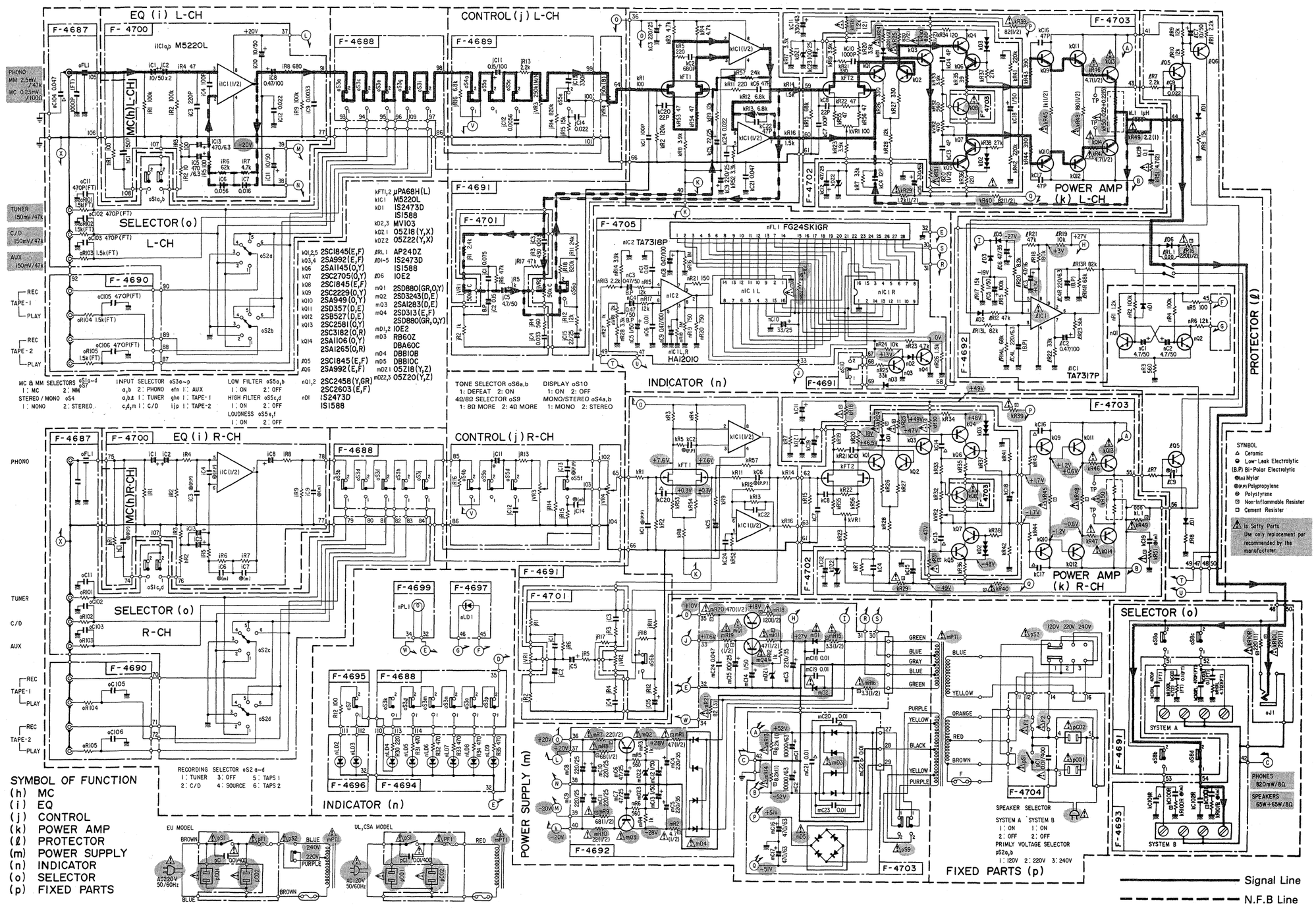


Parts List <Top View>

Parts No.	Stock No.	Description
1	47608900	Side Panel Ass'y (L)
⚠ 2	15018101	Power Transformer (AU-G55X XX)
⚠	15018102	Power Transformer (AU-G55X UL, CSA)
⚠	15018105	Power Transformer (AU-G55X EU)
⚠	15018001	Power Transformer (AU-G33X XX)
⚠	15018002	Power Transformer (AU-G33X UL, CSA)
⚠	15018005	Power Transformer (AU-G33X EU)
3	47157300	AC Cord Cover
⚠ 4	48004700	Power Supply Cord (XX)
⚠	46407700	Power Supply Cord (UL, CSA)
⚠	46128900	Power Supply Cord (EU)
⚠ 5	48062100	Slide SW., VOLTAGE SELECTOR (XX)
⚠	07204700	Slide SW., VOLTAGE SELECTOR (EU)
⚠ 6	48076600	AC OUTLET (XX, UL, CSA)
⚠	46161000	AC OUTLET (EU)
7	46739400	Slide SW., SPEAKER INPEDANCE SELECTOR (AU-G55X XX, EU)
	46736600	Slide SW., SPEAKER INPEDANCE SELECTOR (AU-G55X UL, CSA)
8	48123100	8P Terminal Board, SPEAKERS
9	46363800	4P Terminal Board, TAPE-1• TAPE-2/PCM
10	22301510	Ground Terminal
11	46438100	2P Terminal Board, PHONO
12	46546800	6P Terminal Board, TUNER, CD, AUX
13	47638600	Side Panel Ass'y (R)
14	48077900	Flexible Wire
15	47637400	Joint Shaft (2)
16	47637300	Joint Shaft (1)

5. SHCEMATIC DIAGRAM 5-1. AU-G55X

* Design and specifications subject to change without notice for improvement.
* La présention et les spécifications sont susceptibles d'être modifiées sans préavis par suites d'améliorations éventuelles.
* Änderungen, die dem technischen Fortschritt dienen, bleiben vorbehalten.



2SA992 2SA949
2SA1145
2SC1283
2SC1845
2SC2229
2SC2705
2SC3243

2SD313AL
2SD880

2SB527
2SD357

2SA1106
2SA1265
2SC2581
2SC3182

2SC2458
2SC2603

μPA68H

2SC2785

M5220L

TA7317P
TA7318P

SEL2413E
SEL1210S

HA12010
Dot or Slit or Line

DBA60C
RB602

1S2473
1OE.2

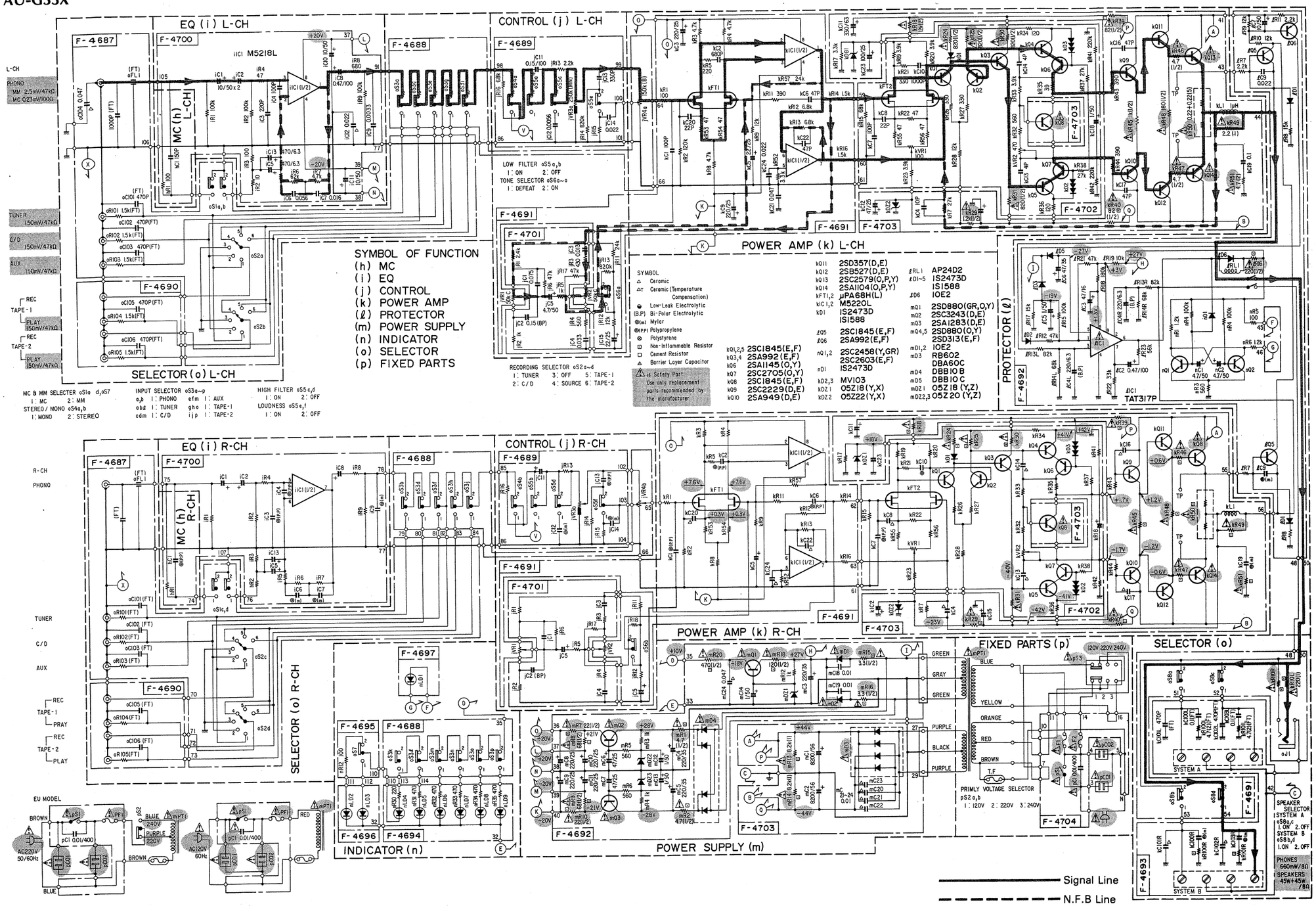
05Z18
05Z20
05Z22

1
2
3
4
5

A	B	C	D	E	F	G	H

* Design and specifications subject to change without notice for improvement.
* La présention et les spécifications sont susceptibles d'être modifiées sans préavis par suites d'améliorations éventuelles.
* Änderungen, die dem technischen Fortschritt dienen, bleiben vorbehalten.

5-2. AU-G33X



2SA992 2SA1145 2SC1283 2SC1845 2SC2229 2SC2705 2SC3243 — 2SA949

2SD313AL 2SD880 — 2SB527 2SD357

2SA1106 2SA1265 2SC2581 2SC3182 — 2SC2458 2SC2603

μPA68H — 2SC2785

M5220L — TA7317P TA7318P

SEL2413E SEL1210S

HA12010 Dot or Slit or Line

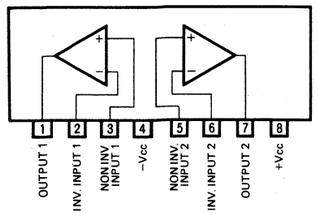
DBA60C RB602 — 1S2473 1OE.2

05Z18 05Z20 05Z22

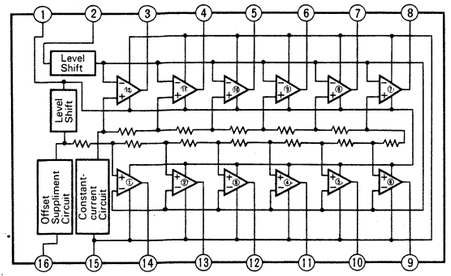
AU-G55X/G33X

6. INTERIOR BLOCK DIAGRAM OF IC

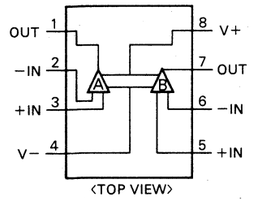
•M5220L (Audio Pre Amp. IC)



•HA12010 (FL Display Tube Drive IC)

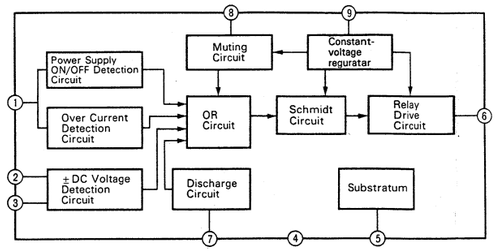


•M5220P (OP Amp. IC)

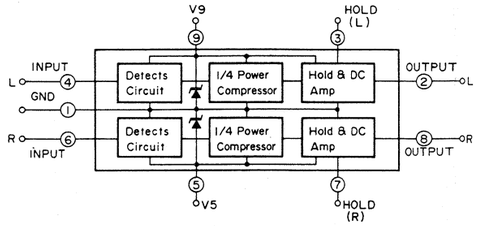


<TOP VIEW>

•TA7317P (Speaker Protector IC)

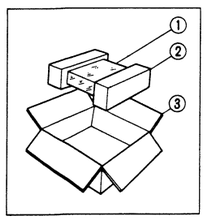


•TA7318P (Meter Drive IC)



7. PACKING LIST

Parts No.	Stock No.	Description
1	91167620	Vinyl Bag
2	47675300	Styrofoam Packing
3	47648200	Carton Case (AU-G55X)
	47648100	Carton Case (AU-G33X)



8. ACCESSORY LIST

Stock No.	Description
46960800	Operating Instruction (AU-G55X)
46958300	Operating Instruction (AU-G33X)

Sansui

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SANSUI ELECTRONICS G.M.B.H.: Pau Ehrich Strasse 8, 6074 Rödermark 2, West Germany

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